



wherein

X and X' are independently selected from the group consisting of -O-, -S- and -NR-, where R is H, alkyl or cycloalkyl.

Y is an optionally substituted non-aromatic divalent linking group.

Z is O or S; and

R₂ is a C₁-C₄ alkyl group.

provided that when said crosslinked polymer gel is a non-aqueous polymer gel and R₂ is CH₃ and Y is -CH₂-CH₂-, X, X' and Z are not all O, placing a sample containing the molecules to be separated onto the gel, and subjecting the gel and sample to a separation technique.

Claim 16, line 1, delete "11" and replace by --15--.

Claim 17, line 1, delete "or 16".